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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=1; day=27; hr=11; min=6; sec=25; ms=305; ]

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Application No: 10597140 Version No: 2.0

**Input Set:****Output Set:**

**Started:** 2010-01-12 18:26:07.965  
**Finished:** 2010-01-12 18:26:13.486  
**Elapsed:** 0 hr(s) 0 min(s) 5 sec(s) 521 ms  
**Total Warnings:** 14  
**Total Errors:** 12  
**No. of SeqIDs Defined:** 17  
**Actual SeqID Count:** 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (10)

**Input Set:**

**Output Set:**

**Started:** 2010-01-12 18:26:07.965  
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**Actual SeqID Count:** 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
E 224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (15)
W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)

# SEQUENCE LISTING

<110> ANSELL, KEITH HUGH

<120> Methods and Means of Screening for Rhomboid Activity

<130> MEWE-027

<140> 10597140

<141> 2010-01-12

<150> EP 05701920.0

<151> 2005-01-17

<150> PCT/GB2005/000154

<151> 2005-01-17

<150> US 60/536,860

<151> 2004-01-16

<160> 17

<170> PatentIn version 3.3

<210> 1

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Tag sequence"

<400> 1

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1 5 10

<210> 2

<211> 8

<212> PRT

<213> Artificial sequence

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<221> source

<223> /note= "Description of artificial sequence: Tag sequence"

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1 5

<210> 3

<211> 15

<120> Methods and Means of Screening for Rhomboid Activity

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<220>  
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<223> /note= "Description of artificial sequence: Tag sequence"  
  
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Trp Ser His Pro Gln Phe Glu Lys  
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<210> 5  
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Met Arg Asp Ala Leu Asp Arg Leu Asp Arg Leu Ala  
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<400> 8

Ile Ala Ser Gly Ala  
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<210> 9  
<211> 7  
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<213> Drosophila melanogaster

<400> 9

Ala Ser Ile Ala Ser Gly Ala  
1 5

<210> 10  
<211> 4  
<212> PRT  
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Lys Asp Glu Leu  
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<210> 11  
<211> 4  
<212> PRT

<213> Drosophila melanogaster

<400> 11

Ala Ser Gly Ala

1

<210> 12

<211> 33

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer HindSEAP For"

<400> 12

aagcttcacc atgctgctgc tgctgctgct gct 33

<210> 13

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer Eco Back"

<400> 13

acggaattct gtctgctcga agcggccggc 30

<210> 14

<211> 60

<212> DNA

<213> Artificial sequence

<220>

<221> source

<223> /note= "Description of artificial sequence: Primer 6HMRGS For"

<400> 14

cggaattcat gagaggatcg catcaccatc accatcacgc gagcattgcc agtggagcca 60

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<211> 22

<212> DNA

<213> Artificial sequence

<220>

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<223> /note= "Description of artificial sequence: Primer BBS Back"

<400> 15

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22

<210> 16

<211> 234

<212> PRT

<213> D. melanogaster

<400> 16

Met	His	Ser	Thr	Met	Ser	Val	Gln	His	Gly	Leu	Val	Ala	Leu	Val	Leu	
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Ile	Gly	Cys	Leu	Ala	His	Pro	Trp	His	Val	Glu	Ala	Cys	Ser	Ser	Arg	
			20					25					30			
Thr	Val	Pro	Lys	Pro	Arg	Ser	Ser	Ile	Ser	Ser	Ser	Met	Ser	Gly	Thr	
			35				40					45				
Ala	Leu	Pro	Pro	Thr	Gln	Ala	Pro	Val	Thr	Ser	Ser	Thr	Thr	Met	Arg	
	50					55					60					
Thr	Thr	Thr	Thr	Thr	Thr	Pro	Arg	Pro	Asn	Ile	Thr	Phe	Pro	Thr	Tyr	
65					70				75						80	
Lys	Cys	Pro	Glu	Thr	Phe	Asp	Ala	Trp	Tyr	Cys	Leu	Asn	Asp	Ala	His	
			85					90					95			
Cys	Phe	Ala	Val	Lys	Ile	Ala	Asp	Leu	Pro	Val	Tyr	Ser	Cys	Glu	Cys	
			100					105					110			
Ala	Ile	Gly	Phe	Met	Gly	Gln	Arg	Cys	Glu	Tyr	Lys	Glu	Ile	Asp	Asn	
		115					120					125				
Thr	Tyr	Leu	Pro	Lys	Arg	Pro	Arg	Pro	Met	Leu	Glu	Lys	Ala	Ser	Ile	
	130					135					140					
Ala	Ser	Gly	Ala	Met	Cys	Ala	Leu	Val	Phe	Met	Leu	Phe	Val	Cys	Leu	
145					150				155						160	
Ala	Phe	Tyr	Leu	Arg	Phe	Glu	Gln	Arg	Ala	Ala	Lys	Lys	Ala	Tyr	Glu	
			165					170						175		
Leu	Glu	Gln	Glu	Leu	Gln	Gln	Glu	Tyr	Asp	Asp	Asp	Asp	Gly	Gln	Cys	
			180					185					190			
Glu	Cys	Cys	Arg	Asn	Arg	Cys	Cys	Pro	Asp	Gly	Gln	Glu	Pro	Val	Ile	
		195					200				205					
Leu	Glu	Arg	Lys	Leu	Pro	Tyr	His	Met	Arg	Leu	Glu	His	Ala	Leu	Met	
	210					215					220					
Ser	Phe	Ala	Ile	Arg	Arg	Ser	Asn	Lys	Leu							
225					230											

<210> 17

<211> 160

<212> PRT

<213> H. sapiens

<400> 17

Met	Val	Pro	Ser	Ala	Gly	Gln	Leu	Ala	Leu	Phe	Ala	Leu	Gly	Ile	Val	
1				5					10					15		
Leu	Ala	Ala	Cys	Gln	Ala	Leu	Glu	Asn	Ser	Thr	Ser	Pro	Leu	Ser	Ala	
			20					25					30			
Asp	Pro	Pro	Val	Ala	Ala	Ala	Val	Val	Ser	His	Phe	Asn	Asp	Cys	Pro	
			35				40					45				
Asp	Ser	His	Thr	Gln	Phe	Cys	Phe	His	Gly	Thr	Cys	Arg	Phe	Leu	Val	
	50					55					60					
Gln	Glu	Asp	Lys	Pro	Ala	Cys	Val	Cys	His	Ser	Gly	Tyr	Val	Gly	Ala	
65					70				75						80	
Arg	Cys	Glu	His	Ala	Asp	Leu	Leu	Ala	Val	Val	Ala	Ala	Ser	Gln	Lys	
			85					90						95		



Lys Gln Ala Ile Thr Ala Leu Val Val Val Ser Ile Val Ala Leu Ala  
100 105 110

Val Leu Ile Ile Thr Cys Val Leu Ile His Cys Cys Gln Val Arg Lys  
115 120 125

His Cys Glu Trp Cys Arg Ala Leu Ile Cys Arg His Glu Lys Pro Ser  
130 135 140

Ala Leu Leu Lys Gly Arg Thr Ala Cys Cys His Ser Glu Thr Val Val  
145 150 155 160